

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061150.D
 Acq On : 18 Mar 2019 17:28
 Operator : VA/AP
 Sample : K1935-06
 Misc : 4.94g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(11-12)

Quant Time: Mar 19 04:17:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

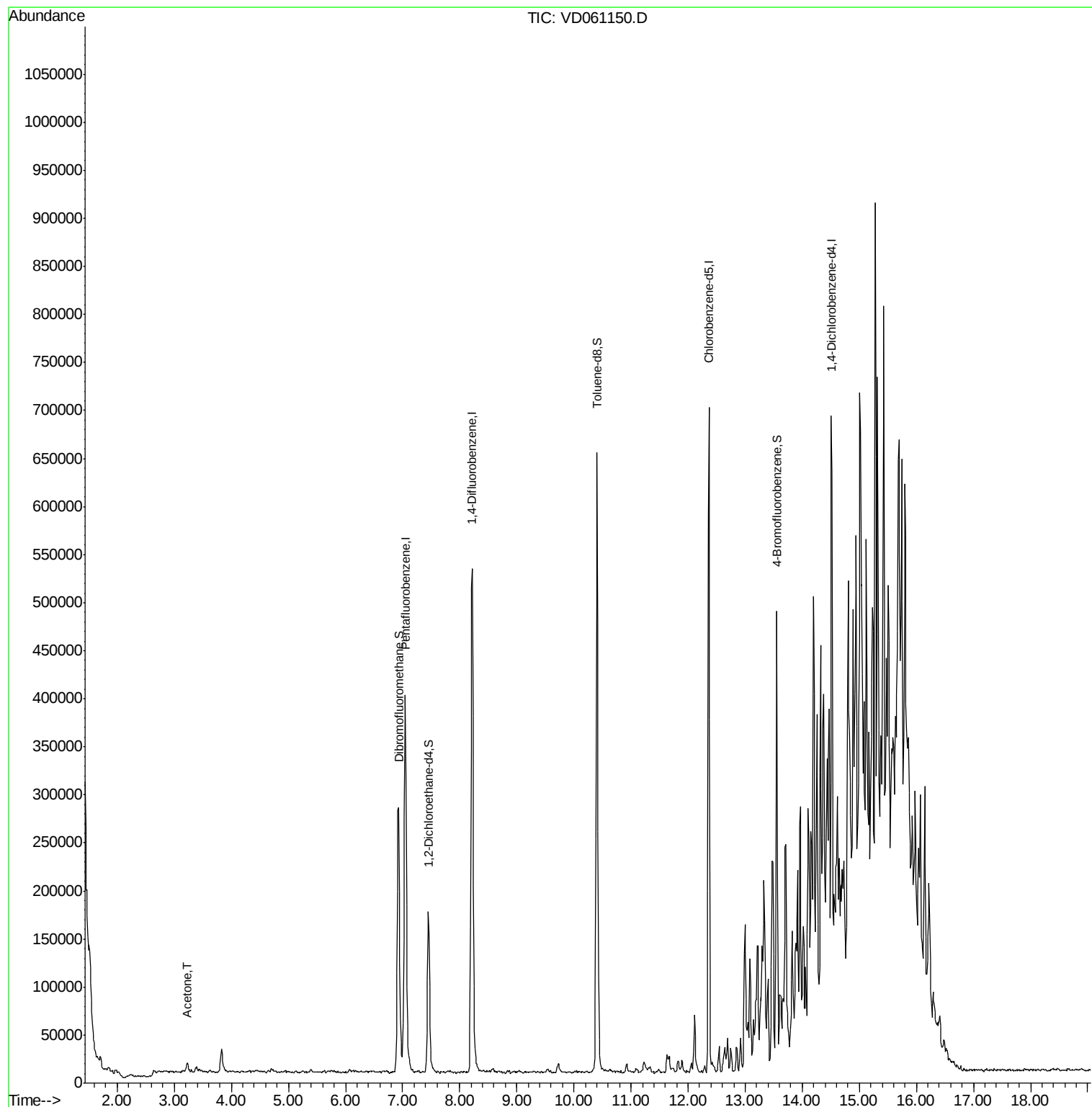
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	405077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	671140	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	442770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	119152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	170448	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	6.92	113	267018	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.40	98	538058	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
62) 4-Bromofluorobenzene	13.55	95	150253	30.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.92%	
Target Compounds						
16) Acetone	3.23	43	19785	20.520	ug/l	Qvalue 96

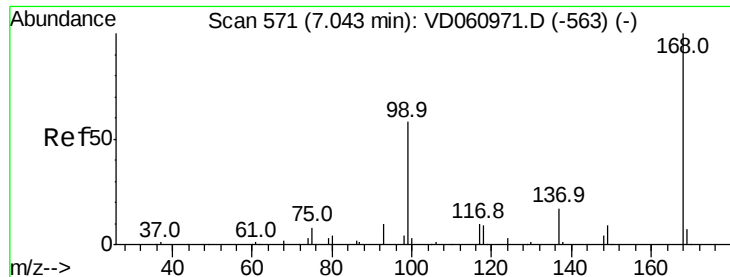
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061150.D

Acq: 18 Mar 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

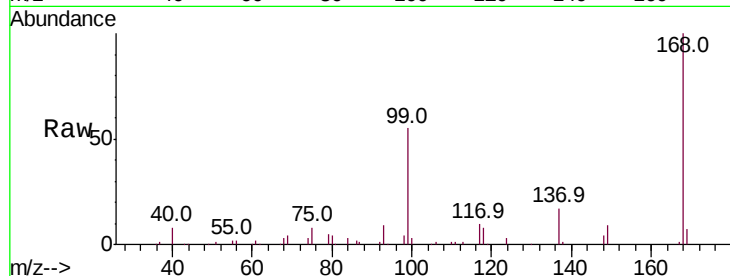
SB-18(11-12)

Tot Ion:168 Resp: 405077

Ion Ratio Lower Upper

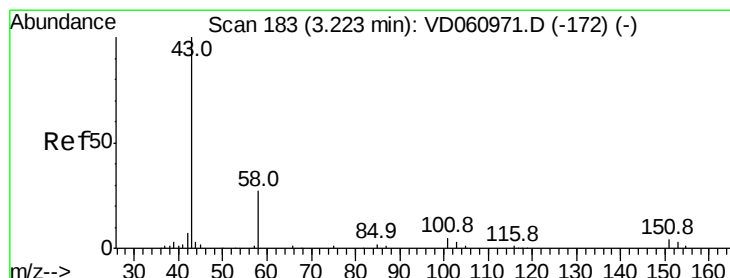
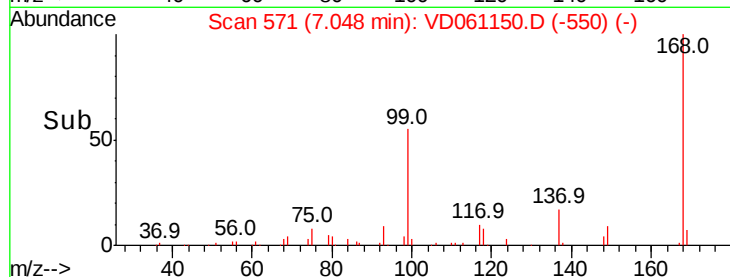
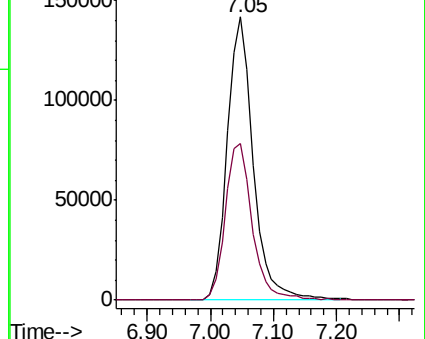
168 100

99 55.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 20.520 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061150.D

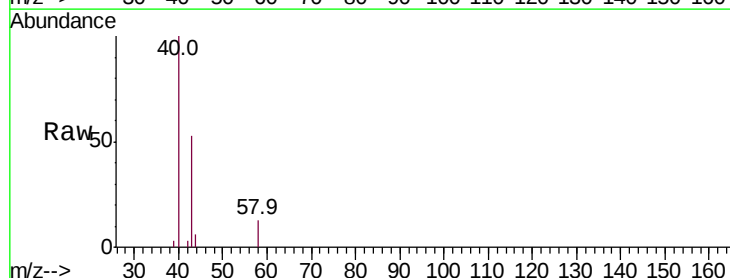
Acq: 18 Mar 2019 17:28

Tgt Ion: 43 Resp: 19785

Ion Ratio Lower Upper

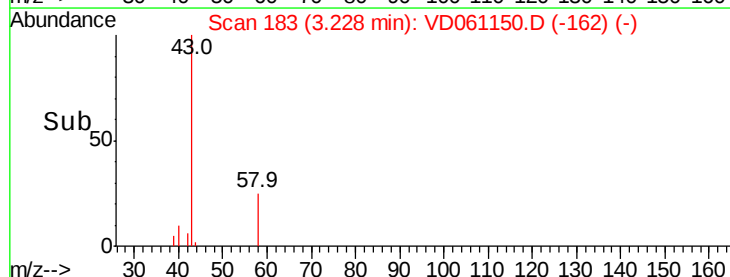
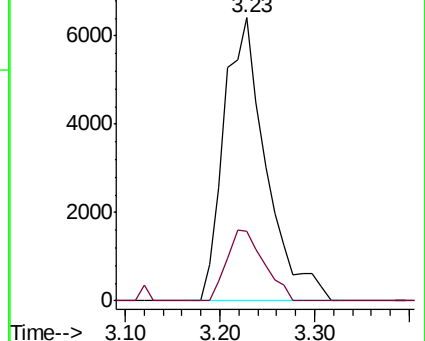
43 100

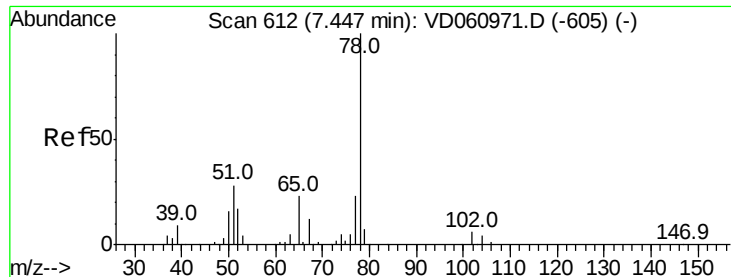
58 24.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061150.D

Acq: 18 Mar 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

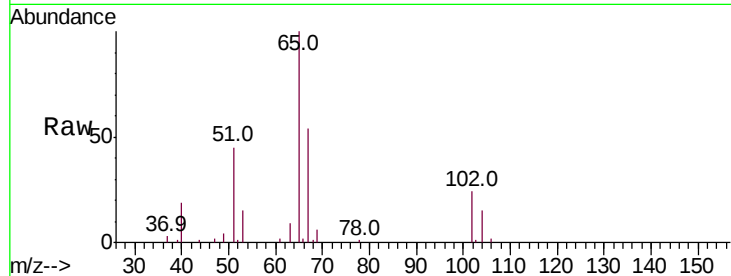
SB-18(11-12)

Tot Ion: 65 Resp: 170448

Ion Ratio Lower Upper

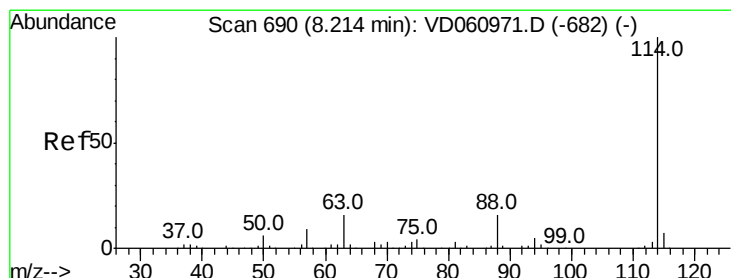
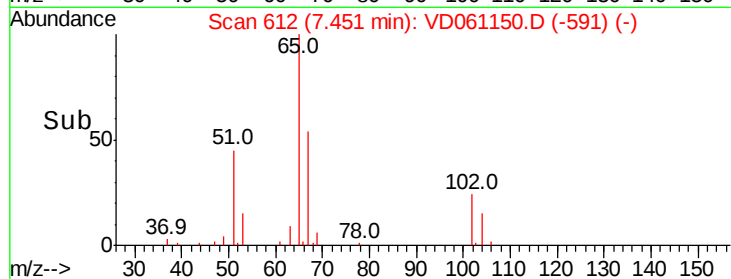
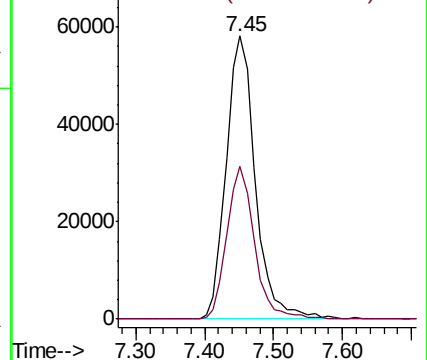
65 100

67 53.8 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061150.D

Acq: 18 Mar 2019 17:28

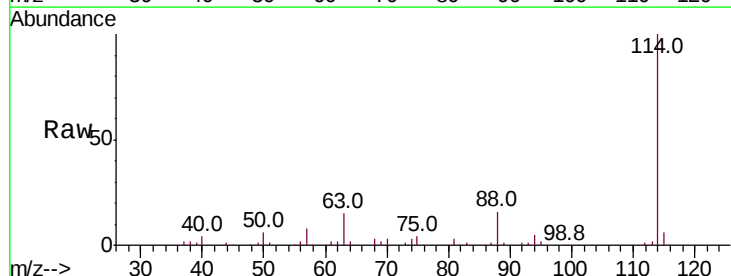
Tgt Ion:114 Resp: 671140

Ion Ratio Lower Upper

114 100

63 14.9 0.0 31.4

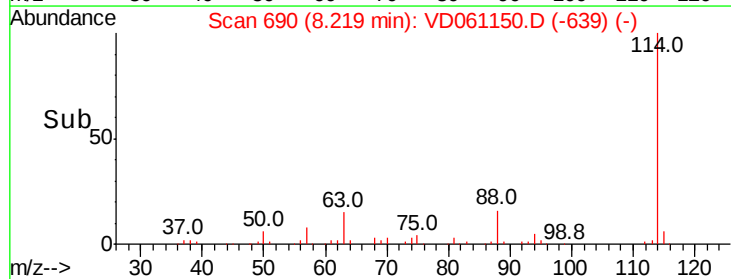
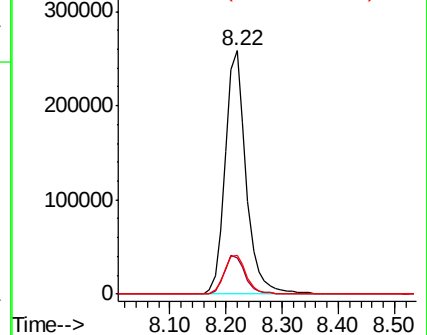
88 15.9 0.0 33.0

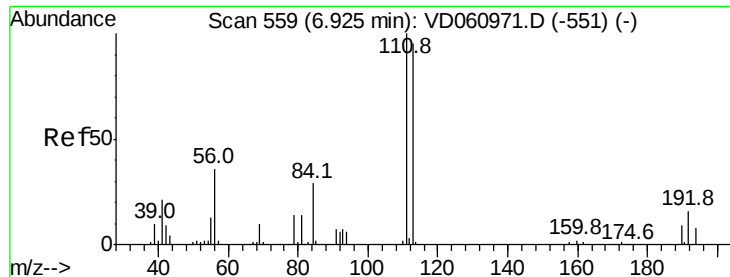


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061150.D

Acq: 18 Mar 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

SB-18(11-12)

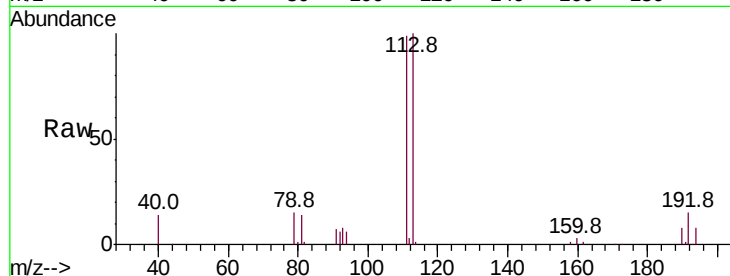
Tot Ion:113 Resp: 267018

Ion Ratio Lower Upper

113 100

111 99.2 84.2 126.4

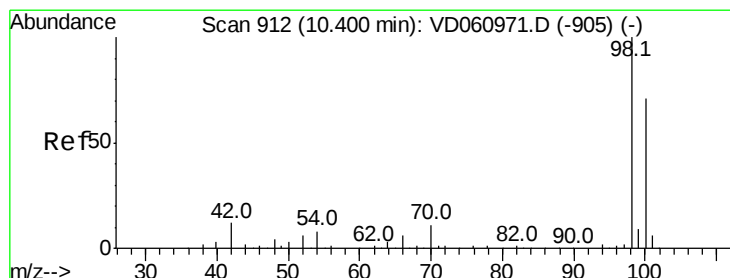
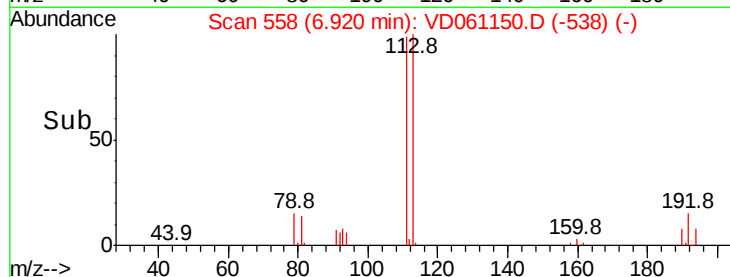
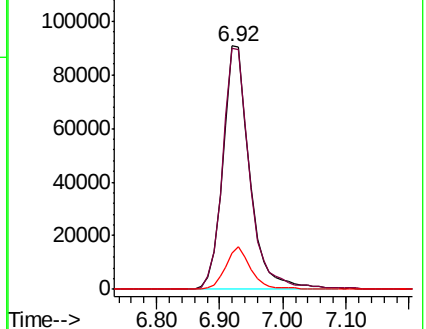
192 15.1 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061150.D

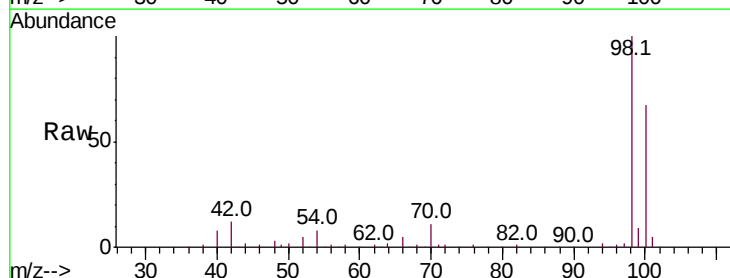
Acq: 18 Mar 2019 17:28

Tgt Ion: 98 Resp: 538058

Ion Ratio Lower Upper

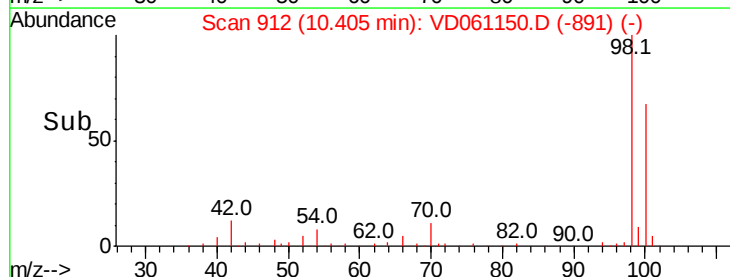
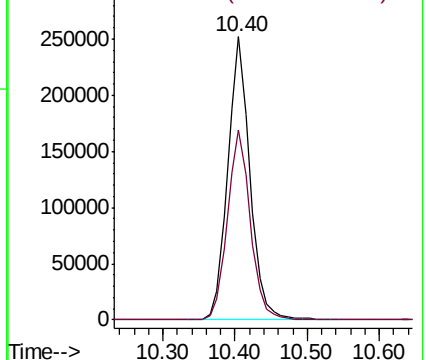
98 100

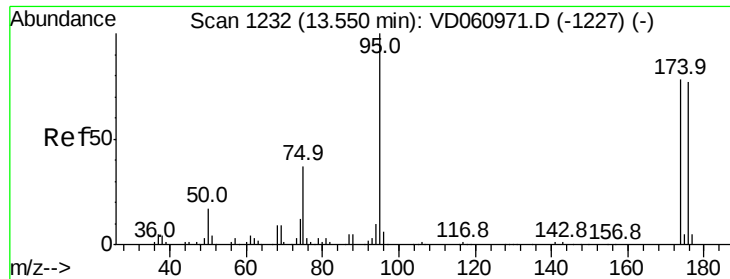
100 67.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061150.D

Acq: 18 Mar 2019 17:28

Instrument :

MSVOA_D

ClientSampleId :

SB-18(11-12)

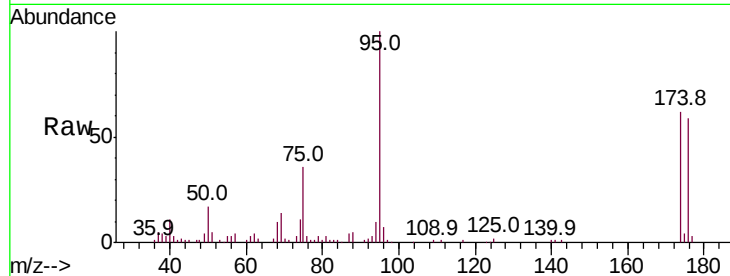
Tot Ion: 95 Resp: 150253

Ion Ratio Lower Upper

95 100

174 62.3 0.0 155.6

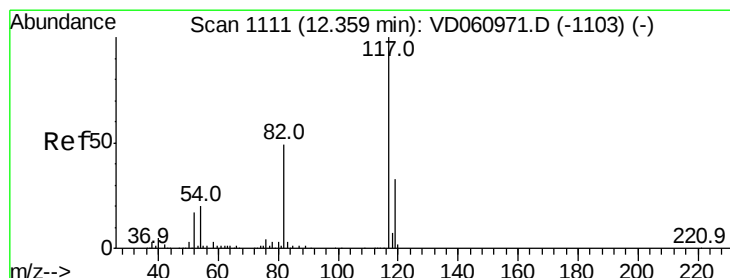
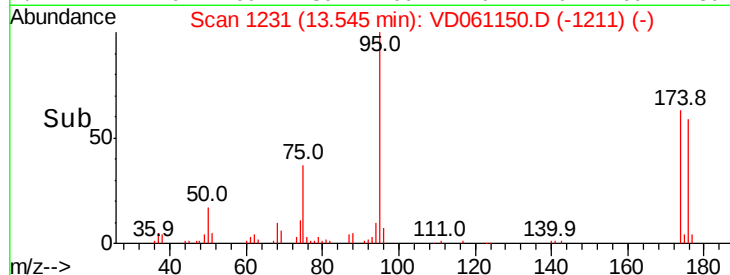
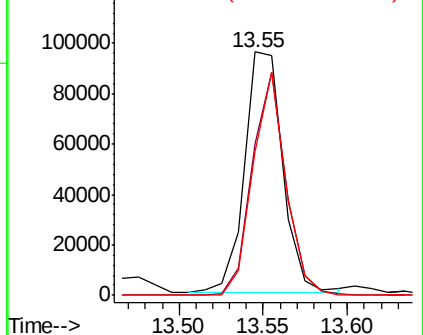
176 59.2 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061150.D

Acq: 18 Mar 2019 17:28

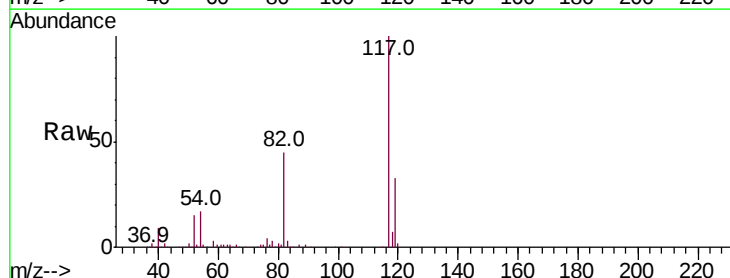
Tgt Ion: 117 Resp: 442770

Ion Ratio Lower Upper

117 100

82 44.7 38.9 58.3

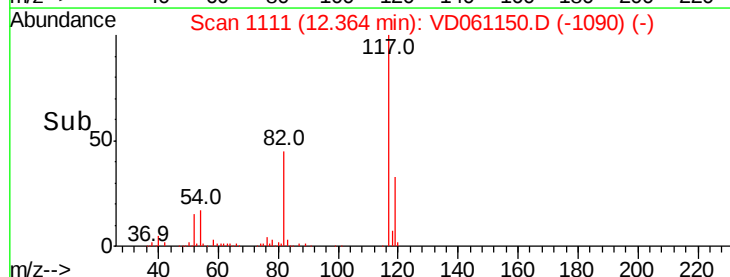
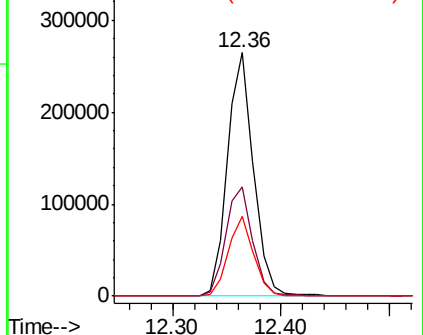
119 32.9 26.6 39.8

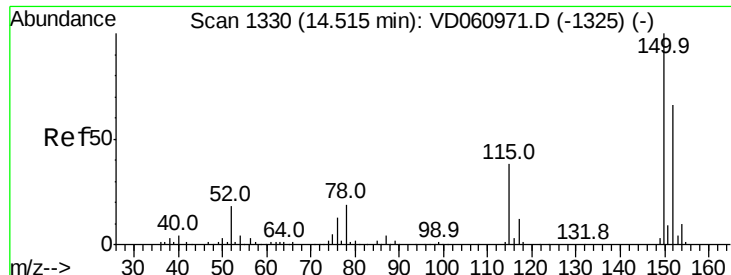


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061150.D
 Acq: 18 Mar 2019 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(11-12)

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.3	28.6	85.9
150	157.5	0.0	310.6

